



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Friday, May 15, 2015
Issued: 0800 CT

River Flooding: Continued moderate river flooding over portions of East Texas and southern Oklahoma.

Severe Thunderstorms: Slight Risk of severe thunderstorms (wind/hail) this afternoon/evening over eastern TX/OK panhandles into NW OK.

Flash Flooding: Flash flooding risk over south central Texas will continue through this morning and over south and southeast TX through this evening. Slight Risk of flash flooding late today into Saturday over TX panhandle/east OK panhandle.

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Brian Hoeth
817-978-1100 x 147

Key Points



Today

- Continued moderate river flooding over portions of East Texas and Southern Oklahoma
- Flash flood potential continues over south central TX through this morning and over southeast and south TX through this evening
- Slight Risk of severe storms (wind/hail) this afternoon/evening over the eastern TX/OK panhandles into NW OK
- Moderate to heavy rain will develop late today into Saturday over the TX panhandle and into the eastern OK panhandle leading to a Slight Risk of flash flooding over these areas

Saturday

- Severe Thunderstorms possible across Oklahoma and into north and west Texas
 - Enhanced Risk central/west OK into NW TX – damaging winds/hail and a few tornadoes possible
 - Slight Risk rest of OK into north/west TX – mostly damaging winds/hail
- In addition to the severe thunderstorm potential, heavy rain and flash flooding will be possible over southern OK into north/central/southwest TX

Sunday

- Severe Thunderstorms potential diminishes but heavy rain and flash flooding threat continues and moves eastward into NE TX, the Arklatex, and much of Arkansas

Monday-Tuesday

- Scattered showers/thunderstorms across the Region Monday ; no significant hazards
- Heavy rain develops Tuesday over eastern New Mexico and into the TX/OK panhandles and western OK ; Some areas could see flash flooding

Tropical Weather Outlook



Two-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



No Disturbances

Satellite Image from
11:52 pm EDT May 11

**Tropical cyclone activity is not expected
during the next 48 hours.**

**E. PACIFIC
OUTLOOK**

**12:30 am EDT
Tue May 12 2015**

www.hurricanes.gov

Current Disturbances and 2-Day Cyclone Formation Chance: < 40% 40-60% > 60%
Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane
 Post-Tropical Cyclone Remnants

*FEMA Region 6 Threat Matrix

May 15, 2015 - May 19, 2015

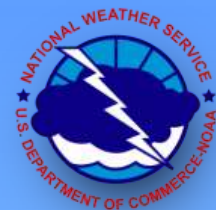
DAY/ THREAT	FRI	SAT	SUN	MON	TUE
Severe Storms	East TX/OK panhandles into NW OK	Central/West OK, NW TX OK into north and west TX			
Heavy Rain /Flash Flooding	S Cntrl/SE/S TX , TX/OK panhandles (late)	S OK into N/Central/SW TX	NE TX into the Arklatex and AR		East NM into TX/OK panhandles and W OK
Fire					
River Flooding	East TX/South OK	East TX/South OK	East TX	East TX	East TX

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



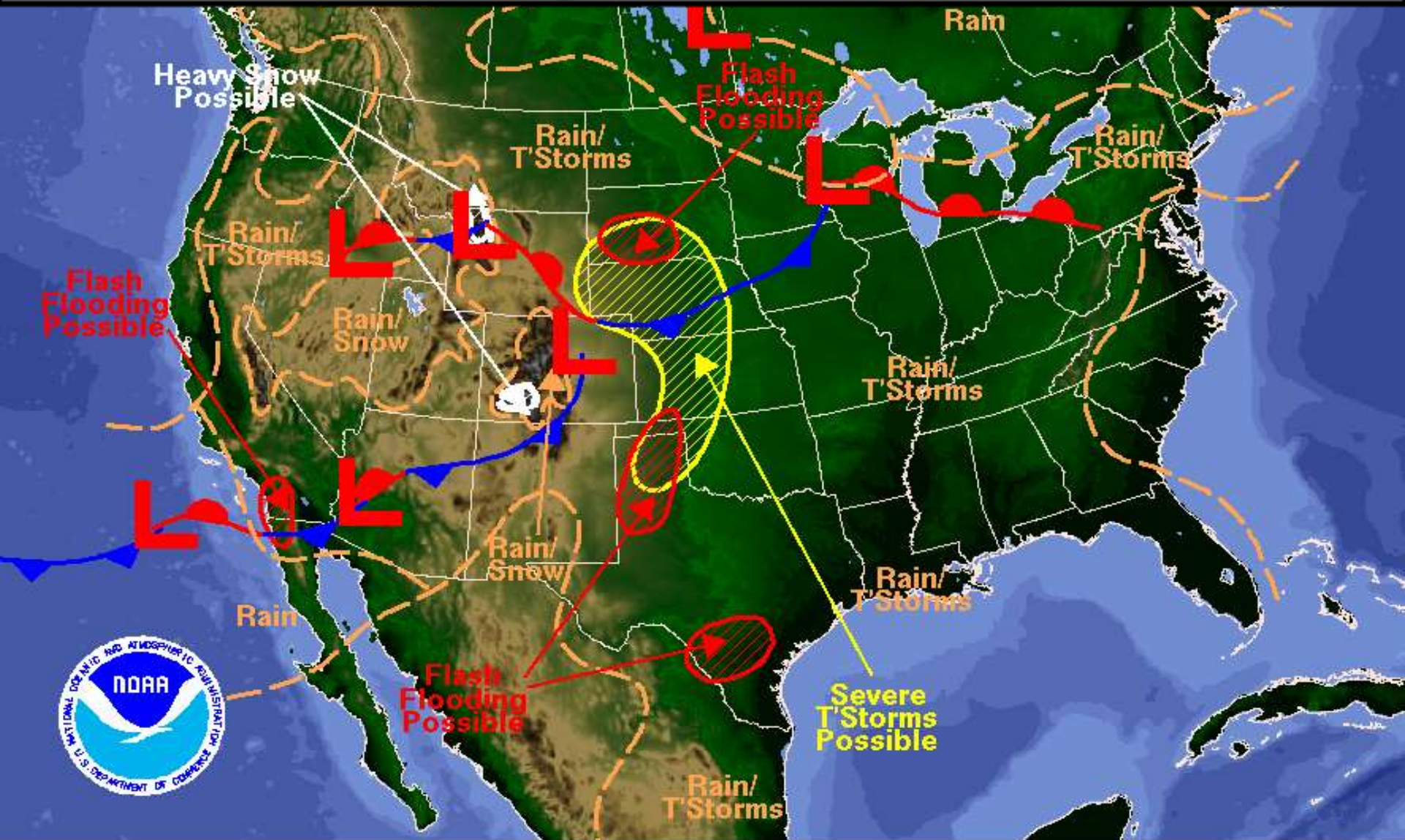
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Today's Weather



Weather Forecast for Fri, May 15, 2015, issued 4:23 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Gerhardt based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards






Valid: 0800 Fri - 0800 Sat



Severe storms
Possible with
Damaging winds/hail
and heavy rain /
Flash flooding

Flash
Floodings
Possible
Through
evening

Flash
Floodings
Possible

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Flash Flood Watches



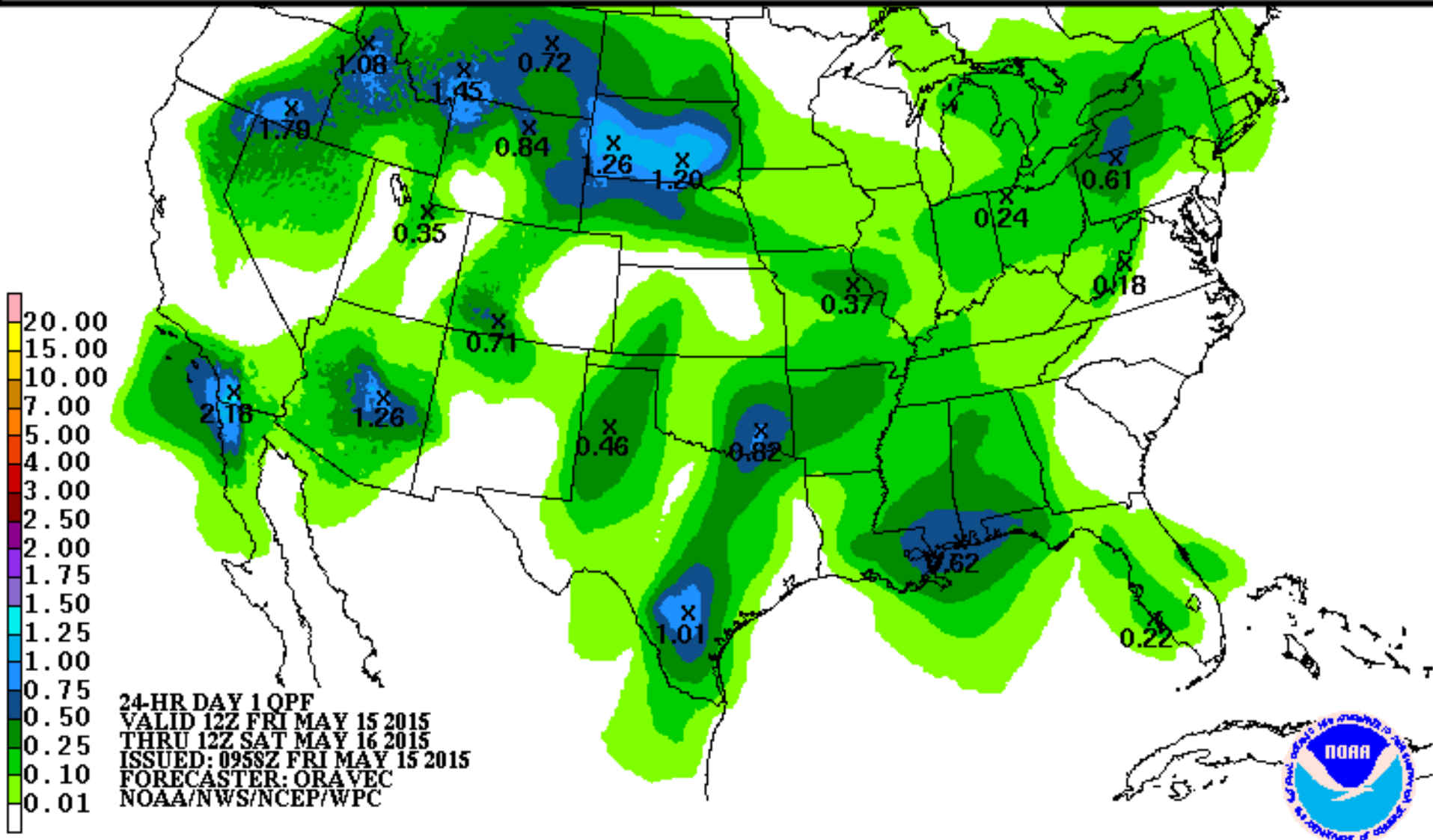
Note:

The Watch over North Central Texas is valid From Saturday Afternoon through Sunday morning.

All other Watches are Valid from now until The specified end times

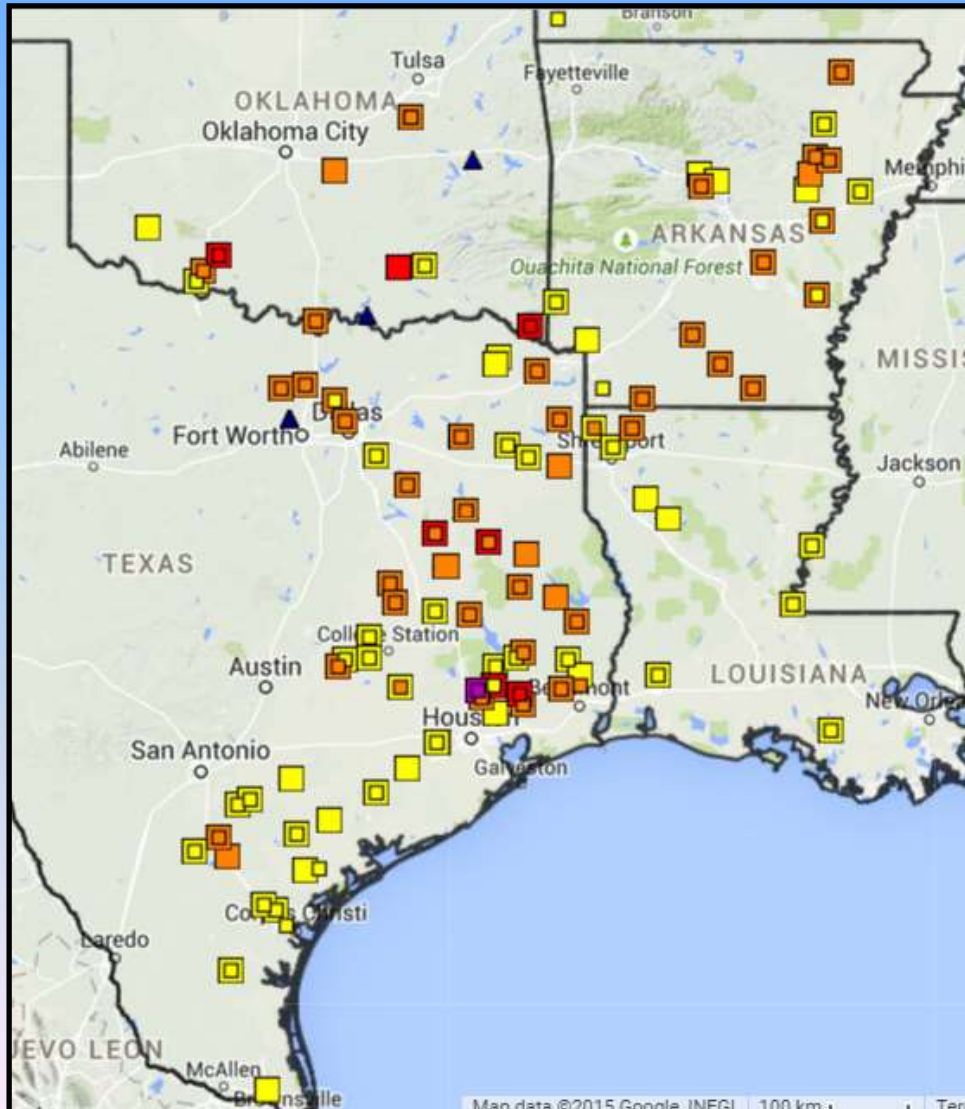
Today's Precipitation

Fri AM - Sat AM



Current River Status / Near Term Forecast

A few river points in east Texas southern Oklahoma are in moderate flood stage.
Several points in east TX and into AR in minor flood stage.

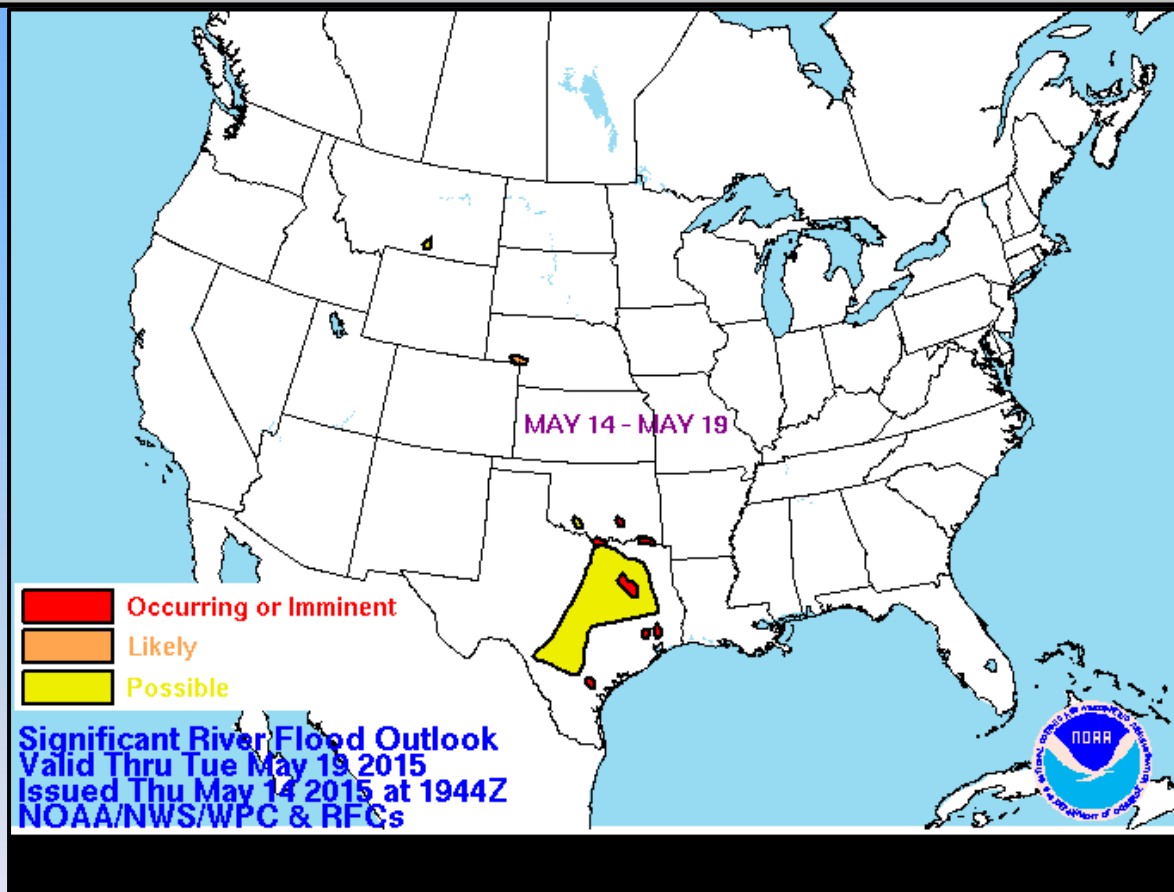


River Status

	Observed	Forecast
No Flooding		
Near Flood Stage		
Minor Flooding		
Moderate Flooding		
Major Flooding		

River Flood Outlook

River flooding is possible across northeast through central and south central Texas this week. River flooding is occurring or likely through at least today and for some areas throughout the week over East Texas and southern OK.



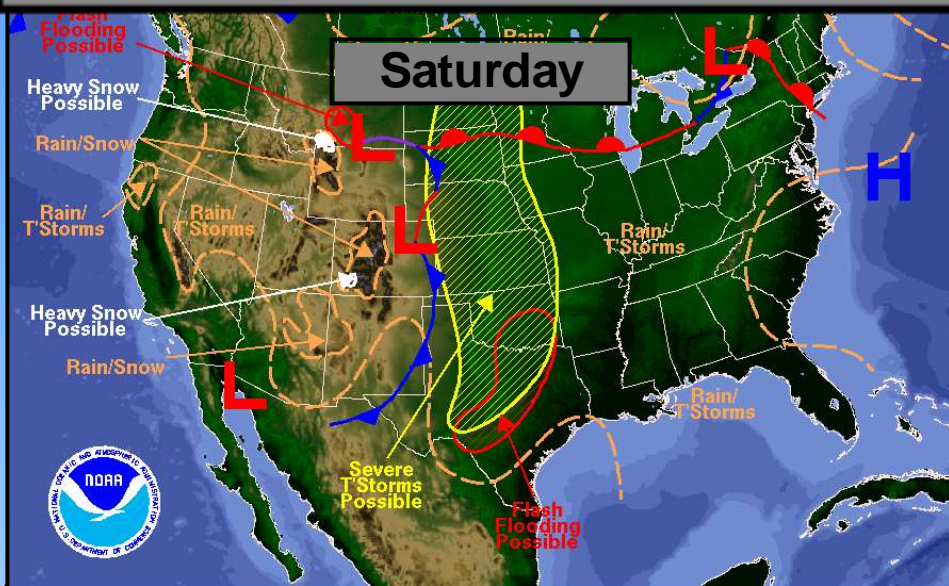
Detailed River Flood Outlooks can be found here:

<http://www.srh.noaa.gov/wgrfc/?n=wgrfcfop>

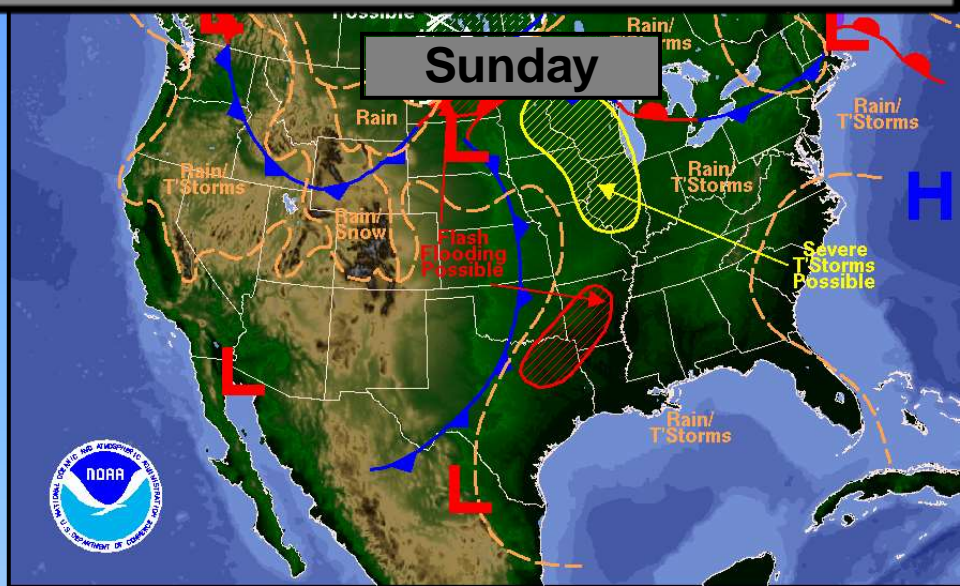
<http://www.srh.noaa.gov/abrfc/?n=abrfcfop>

<http://www.srh.noaa.gov/lmrfc/?n=fop>

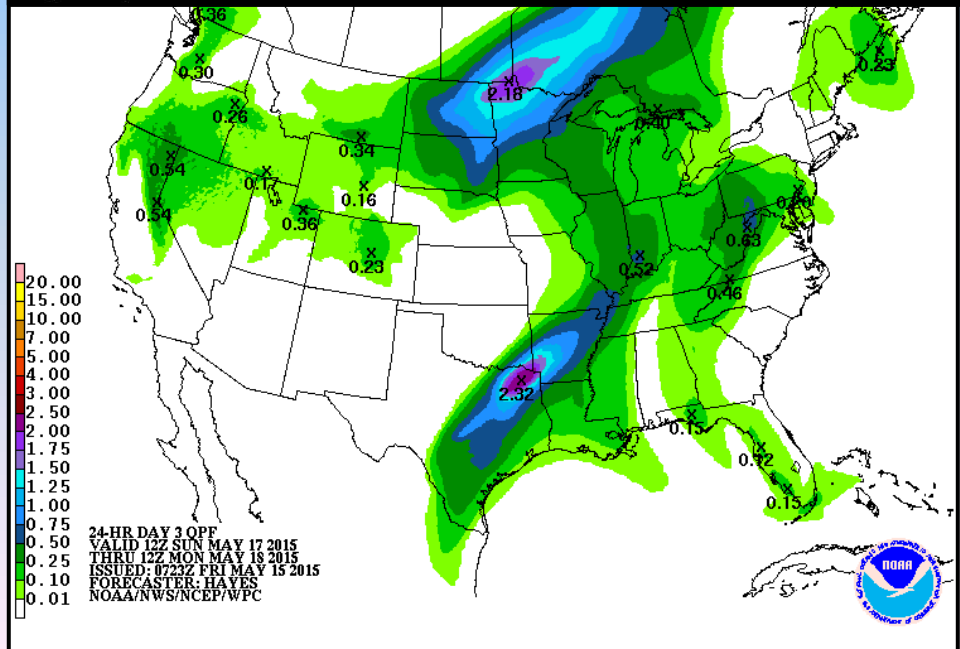
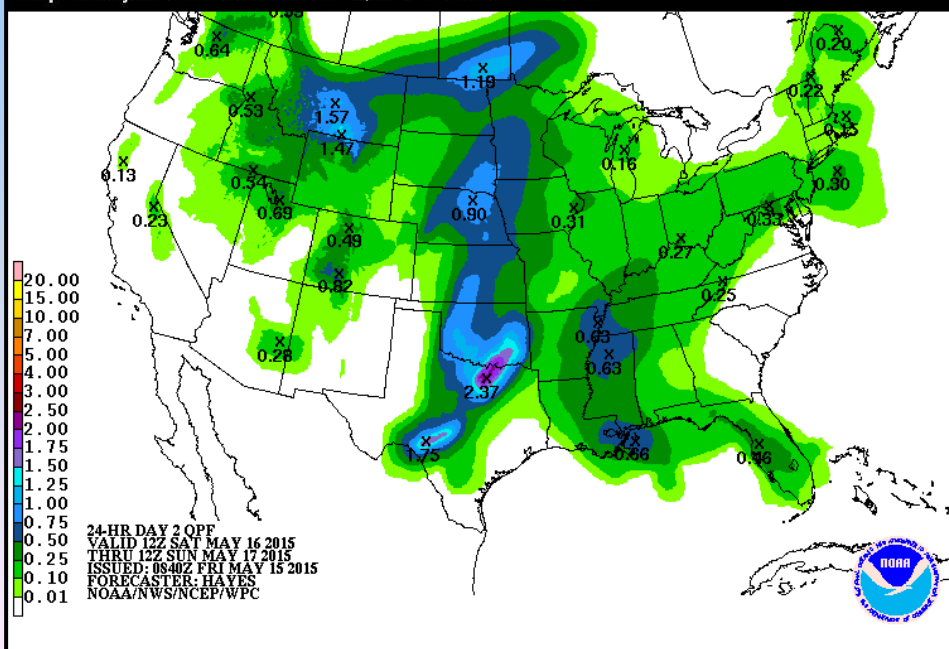
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Sat, May 16, 2015, issued 4:44 AM EDT Fri, May 15, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Gerhardt based on WPC, SPC and NHC forecasts

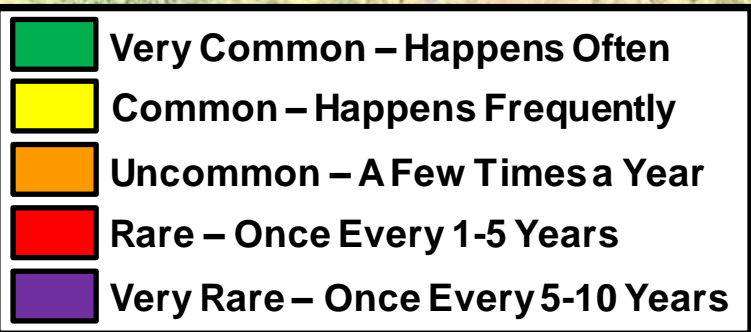
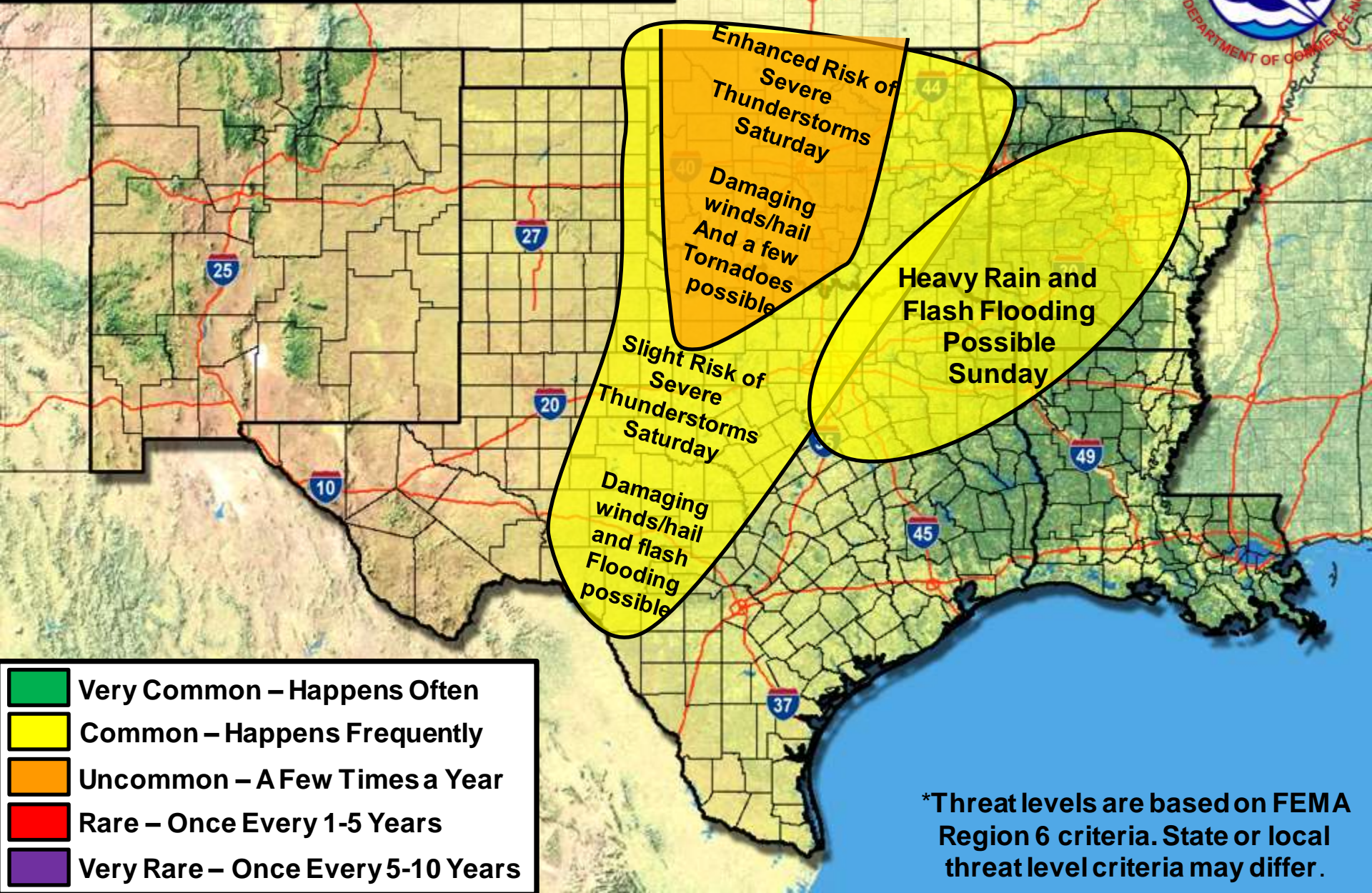


Weather Forecast for Sun, May 17, 2015, issued 5:10 AM EDT Fri, May 15, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Gerhardt based on WPC, SPC and NHC forecasts



Day 2-3 Weather Hazards

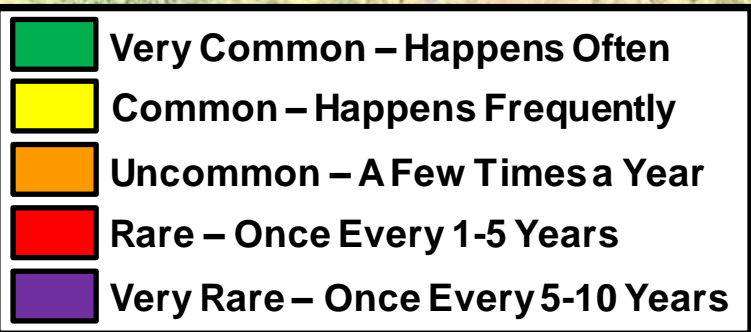
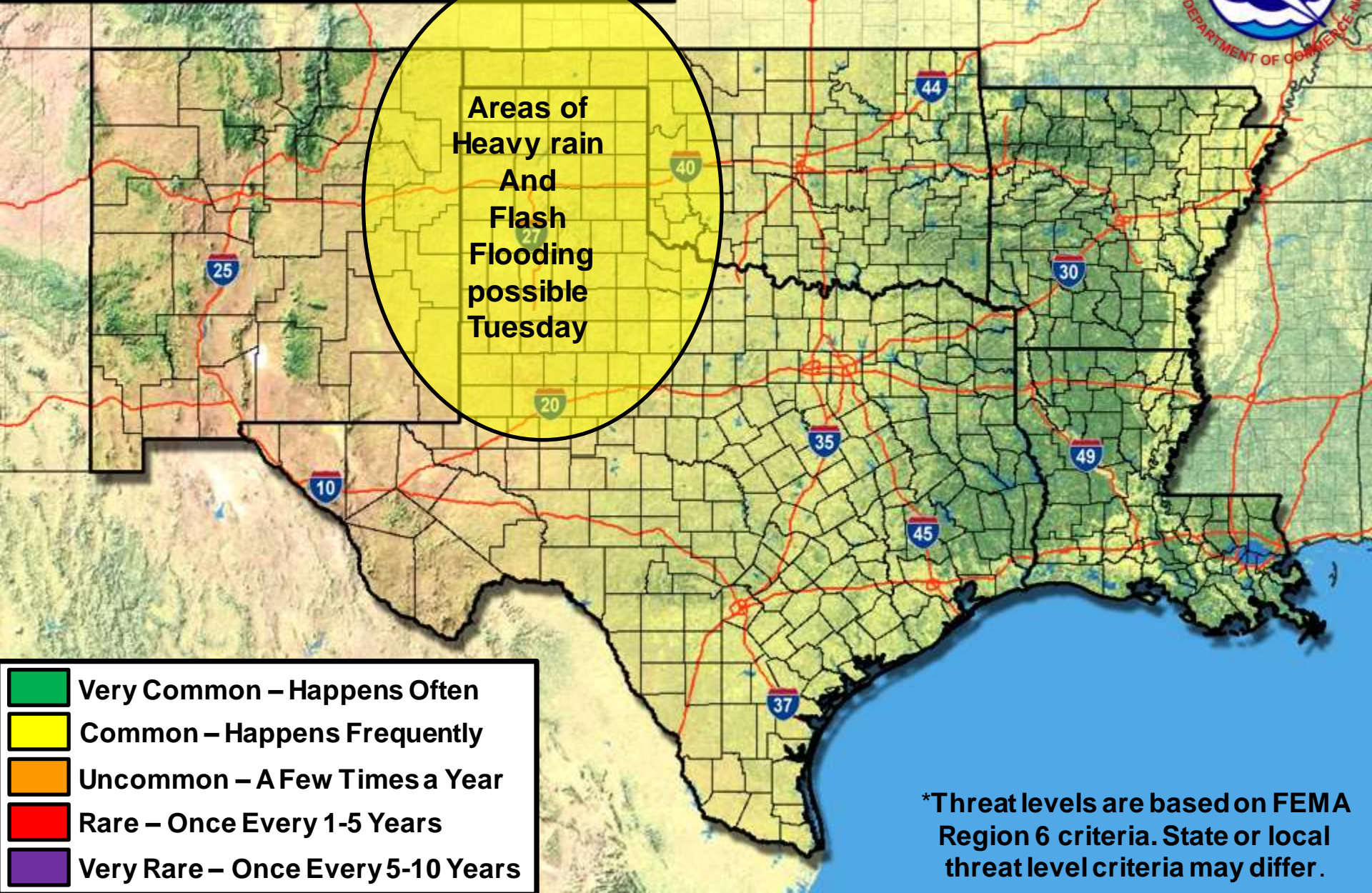
Valid: 0800 Sat - 0800 Mon



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Day 4-5 Weather Hazards

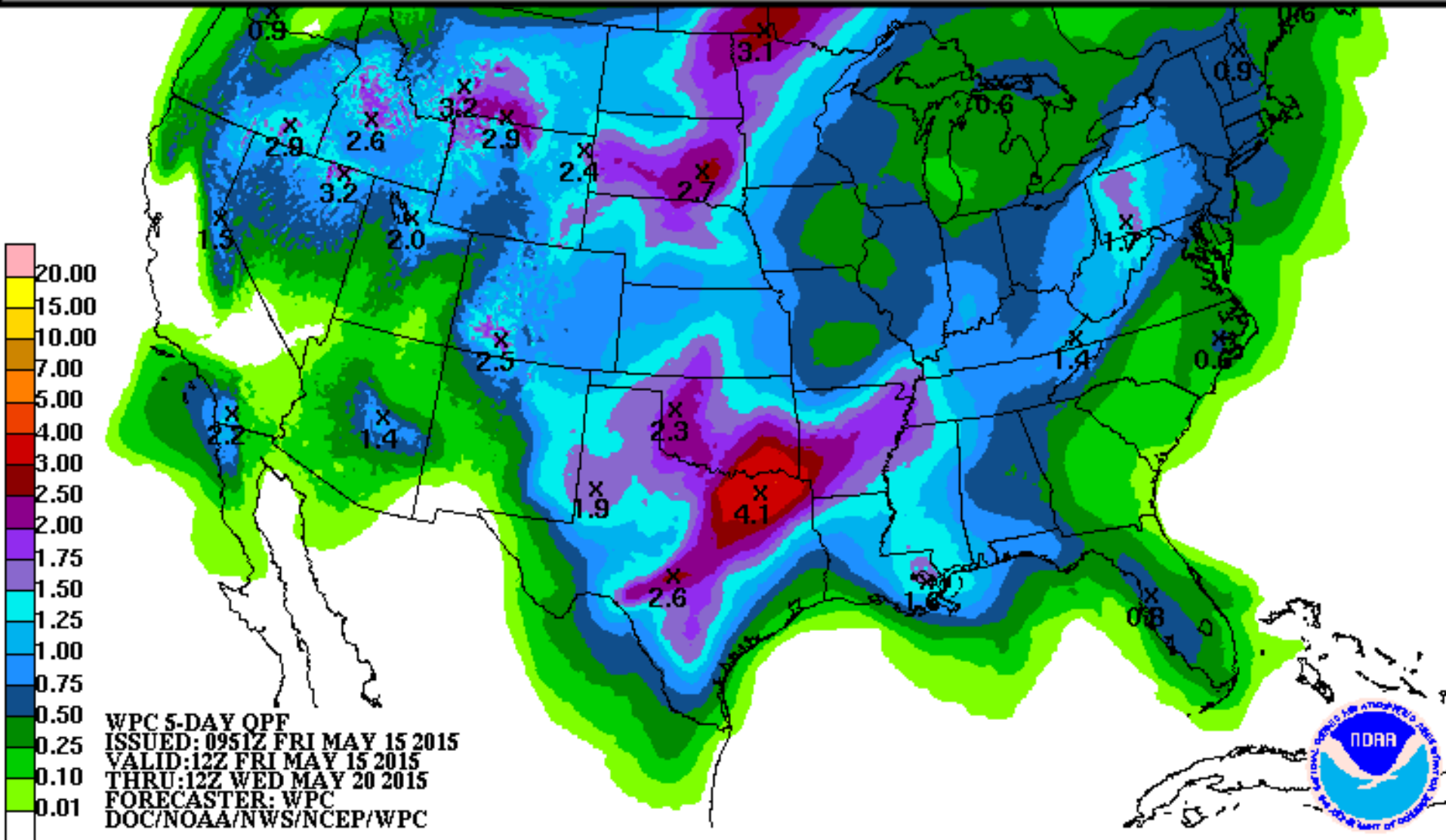
Valid: 0800 Mon - 0800 Wed



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5-Day Precipitation

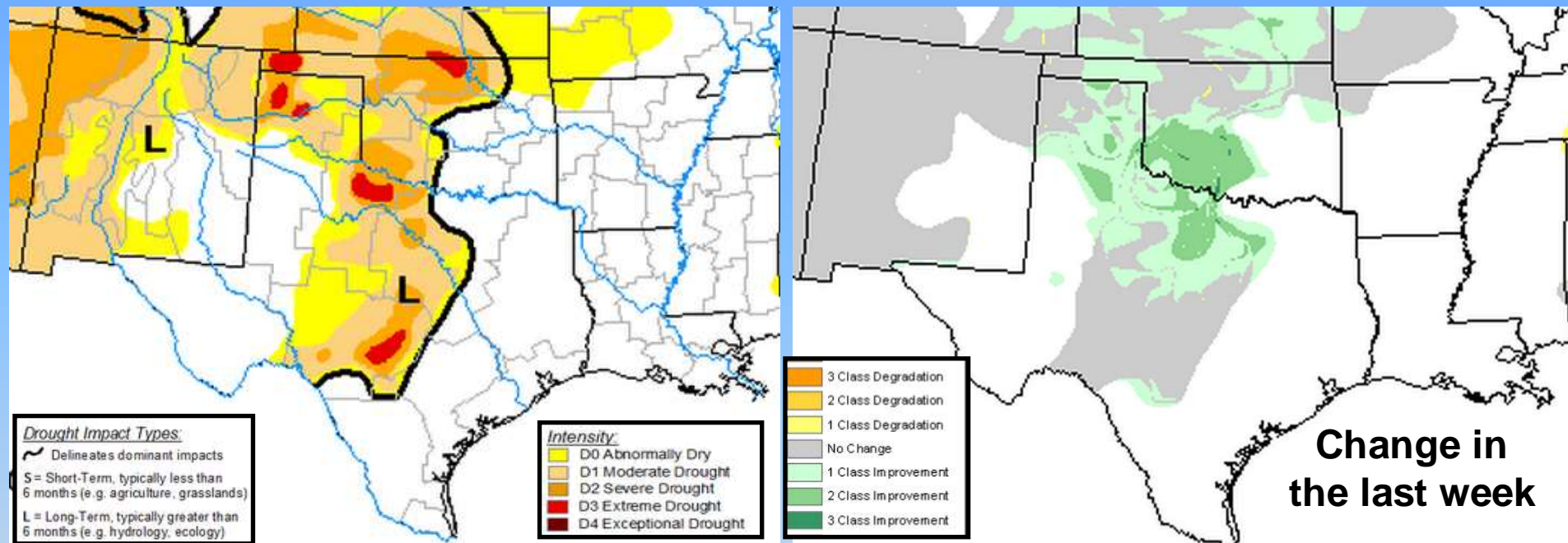
Fri AM - Wed AM





Drought Monitor Released May 14th, 2015

Data valid as of Tuesday, May 12th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	3.72%	17.95%	22.81%	50.06%
Texas	1.93%	5.48%	13.21%	39.88%
New Mexico	0.00%	0.00%	3.70%	33.29%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

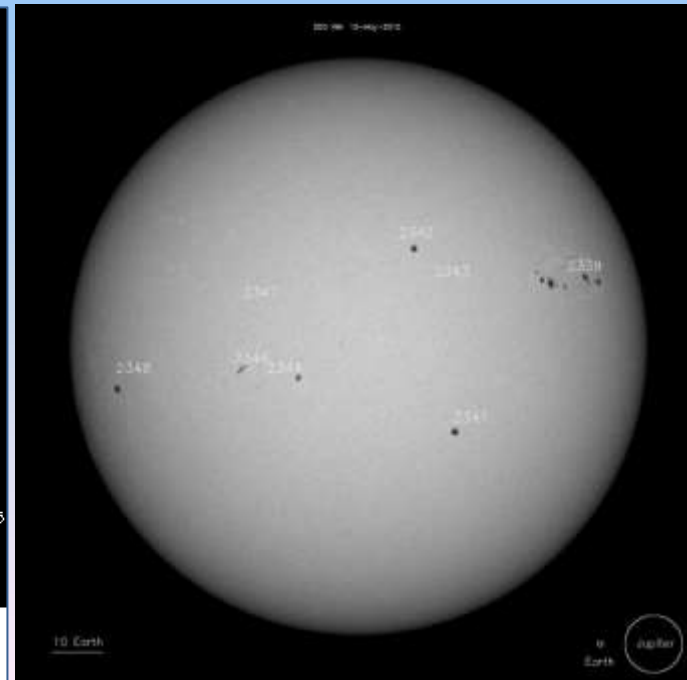
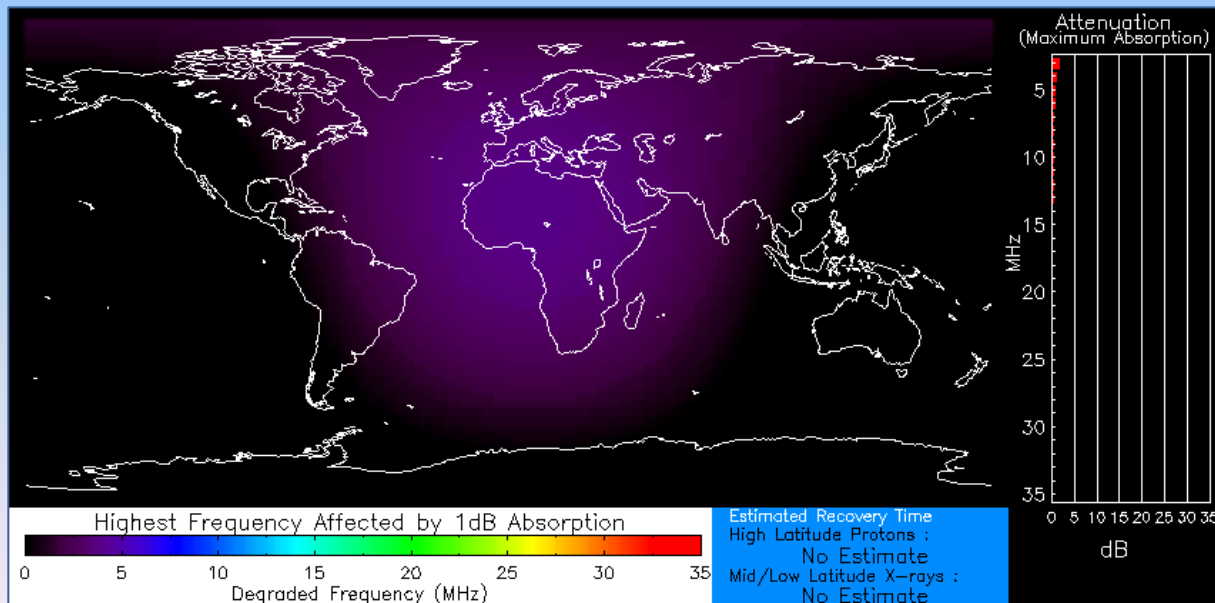
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Active (Max Kp = 4)	Minor (G1) storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	20%	20%	20%
Radio Blackout (R3-R5)	5%	5%	5%



Normal X-ray Background
Product Valid At : 2015-05-15 11:24 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.srh.noaa.gov>

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